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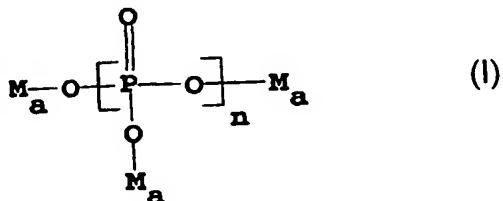
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

A1

(54) Title: AQUEOUS DISPERSION CONTAINING PYROGENICALLY PRODUCED METAL OXIDE PARTICLES AND PHOSPHATES

WO 2004/005408



(57) Abstract: Aqueous dispersion containing pyrogenically produced oxide particles of titanium, zinc, iron or cerium having an average particle size, expressed as a median value, in the dispersion of less than 200 nm, the particle sizes of the oxide particles are not distributed symmetrically in the dispersion, the dispersion contains as dispersing agent at least one (poly)phosphate corresponding to the general formula I and has a pH of 4.5 to 7.5. It is prepared

by dispersing a stream of a preliminary dispersion by means of a high-energy mill. It can be used in sunscreen formulations.